

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
2100-0015SERIAL NO.:
09/937,406**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT:
Gert BLANKENSTEIN et al.INTERNATIONAL FILING
DATE: March 23, 2000GROUP:
Unassigned**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	Ser. No. 60/286,819		Beyer et al.			4/25/01
	AB	Ser. No. 60/286,494		Beyer et al.			4/25/01
	AC	Ser. No. 60/286,550		Beyer et al.			4/25/01
	AD	Ser. No. 09/896,484		Bonde et al.			6/29/01
	AE	5,536,662	7/16/96	Humphries et al.			
	AF	5,716,852	2/10/98	Yager et al.			
	AG	5,739,001	4/14/98	Brown et al.			
	AH	5,776,748	7/7/98	Singhvi et al.			
	AI	5,948,684	9/7/99	Weigl et al.			
	AJ	5,972,710	10/26/99	Weigl et al.			
	AK	5,976,826	11/2/99	Singhvi et al.			
	AL	6,103,479	8/15/00	Taylor			
	AM	6,120,666	9/12/00	Jacobson et al.			
	AN	6,159,739	12/12/00	Weigl et al.			3/26/97
	AO	6,171,865	1/9/01	Wiegl et al.			8/4/99
	AP	6,174,690	1/16/01	Manger et al.			1/7/99
	AQ	6,180,239	1/30/01	Whitesides et al.			7/8/96
	AR	6,200,814	3/13/01	Malmqvist et al.			1/20/98

EXAMINER SIGNATURE:

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 2100-0015	SERIAL NO.: 09'937,406
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	INTERNATIONAL FILING DATE: March 23, 2000	GROUP: Unassigned	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AS	EP0916396	5/19/99	Europe				
	AT	WO 98/10267	11/5/98	PCT				
	AU	WO 98/49344	11/5/98	PCT				
	AV	WO 99/05512	2/4/99	PCT				
	AW	WO 00/56444	9/28/00	PCT				

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS		
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
	AX	Blankenstein et al. (1998), "Modular Concept of a Laboratory on a Chip for Chemical and Biochemical Analysis," <i>Biosensors & Bioelectronics</i> <u>13</u> (3-4):427-438.
	AY	Kenis et al. (1999), "Microfabrication Inside Capillaries Using Multiphase Laminar Flow Patterning," <i>Science</i> <u>285</u> :83-85.
	AZ	Ramos et al., "Quantitative Measurement of Cell – Cell Adhesion Under Flow Conditions," <i>Methods in Molecular Medicine</i> <u>18</u> :507-519.
	BA	Takayama et al. (1999), "Patterning Cells and Their Environments Using Multiple Laminar Fluid Flows in Capillary Networks," <i>PNAS</i> <u>96</u> (10):5545-5548.
	BB	Takayama et al. (2001), "Laminar Flows: Subcellular Positioning of Small Molecules," <i>Nature</i> <u>411</u> :1016.
	BC	Tashiro et al. (2000), "Design and Simulation of Particles and Biomolecules Handling Micro Flow Cells with Three-Dimensional Sheath Flow," <i>Micro Total Analysis Systems 2000</i> , pp. 209-212.
	BD	Weigl et al. (1999), "Microfluidic Diffusion-Based Separation and Detection," <i>Science</i> <u>283</u> (5400):346-347.

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